Title (en)

OCT IMAGE PROCESSING

Title (de)

OCT-BILDVERARBEITUNG

Title (fr)

TRAITEMENT D'IMAGES DE TOMOGRAPHIE

Publication

EP 4085819 B1 20231220 (EN)

Application

EP 22182203 A 20180511

Priority

- EP 22182203 A 20180511
- EP 18171806 A 20180511

Abstract (en)

[origin: EP3566637A1] There is provided an apparatus (100-1) for rendering optical coherence tomography, OCT, retinal image data, which has been acquired by an OCT scanner scanning a retina of an eye over a range of scan locations, wherein each of the scan locations is associated with a respective coordinate in a first coordinate system, and each pixel of the rendered OCT retinal image data is associated with a respective coordinate in a second coordinate system that is different from the first coordinate system. The apparatus comprises a communication module (110) arranged to receive the OCT retinal image data acquired by the OCT scanner, and a coordinate-determining module (120-1) arranged to determine values of coordinates in the second coordinate system of pixels in the received OCT retinal image using a transformation from coordinates in the first coordinate system to coordinates in the second coordinate system. The apparatus further comprises an interpolation module (130-1) arranged to interpolate between values of the pixels at the determined values of coordinates in the second coordinate system to calculate values of the pixels of the rendered OCT retinal image data.

IPC 8 full level

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CPC (source: CN EP KR US)

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